As an inventor named below or on any attached continuation page, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name.

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled METHODS AND APPARATUS FOR CULLING SORTED, BACK FACING GRAPHICS DATA, the specification of which (check one):

is attached hereto.						
	United States application serial no.					
	PCT international application no.			·		
•	and understand the contents of the abov	e-identified specification	on, including the claims, as amende	ed by any amen	dment	
eferred to above.						
I acknowledge the duty to disclose	to the U.S. Patent and Trademark Office	e all information know	vn to me to be material to the pater	stability of the se	ubject m	
laimed in this application, as "materi	iality" is defined in Title 37, Code of Fed	deral Regulations § 1.5	56.			
I hereby claim foreign priority be	nefits under Title 35, United States Code	e, § 119(a)-(d) or § 36	5(b) of any foreign application(s) for	or patent or inve	entor's	
errificate or § 365(a) of any PCT into	ernational application(s) designating at le	east one country other	than the United States of America I	listed below and	l on any	
ttached continuation page and have a	lso identified below and on any attached nating at least one country other than the	continuation page any Linited States of Ame	toreign application for patent or it	iventor's certific	cate or a ion(s) o	
which priority is claimed.	flating at least one country outer than the	. Office blates of 7 mile	and having a ming date oviore and	or are approach		
					-	
Prior foreign/PCT application(s):				Priority Claim	ned	
			(1) (1) (51.4)			
(number)	(cou	ntry)	(day/month/year filed)	Yes	No	
(number)	(cour	atry)	(day/month/year filed)	Yes	No	
I have be a laine the hone of tunder T	itle 35, United States Code, § 120 of an	v United States annlic	ation(s) or 8 365(c) of PCT internal	tional applicatio	n(s)	
	the state of the s		f of the subject matter of each.	of the eleims of	·hio	
esignating the United States of Amer	rica listed below and on any attached cor	itinuation page and, in	sofar as the subject matter of each	of the claims of	this	
onlication is not disclosed in any suc	h prior application in the manner provid	ed by the first paragra	ph of Title 35, United States Code,	, § 112, I ackno	wiedge	
on to displace to the II S. Patent and	d Trademark Office all information know	vn to me to he materia	I to natentability as defined in Title	37. Code of Fe	deral	
uty to disclose to the U.S. Fatelit and	d Trademark Office all information know illable between the filing date of such pri	ior application and the	national or PCT international filing	a date of this and	nlication	
legulations § 1.56 which became ava	hable between the filling date of such pri	or application and the	national of PCT international fining	5 date of dis app	prication	
(application serial no.) (filing date)		(status - pending, patented or abandoned)				
(application serial no.)	(Imig date	,	(suitus penung, patemed of	abandonea)		
(application serial no.)	(filing date)	(status - pending, patented or	r abandoned)		
I hereby claim the benefit under T	itle 35, United States Code, § 119(e) of	any United States pro	visional application(s) listed below:	' •		
(amendana landlingian na	o.) (filing date)					
(provisional application no	(ining date)					
I hereby appoint the following Reg	gistered Practitioners to prosecute this ap	plication and to transa	ct all business in the Patent and Tra	ademark Office	connect	
herewith:	,					
David V. Trask, Reg. No. 22,012	William S. Britt, Reg. No.	20.969	Laurence B. Bond, Reg. No. 30,	,549		
Joseph A. Walkowski, Reg. No. 2	28,765 James R. Duzan, Reg. No.	. 28,393	Allen C. Turner, Reg. No. 33,04	41		
Edgar R. Cataxinos, Reg. No. 39,			Stephen R. Christian, Reg. No. 3			
Brick G. Power, Reg. No. 38,581			Paul C. Oestreich, Reg. No. 44,			
Devin R. Jensen, Reg. No. 44,803			Samuel E. Webb, Reg. No. 44,3			
David L. Stott, Reg. No. 43,937	Kerry D. Tweet, Reg. No.		Bradley B. Jensen, Reg. No. 46,	.801		
Michael L. Lynch, Reg. No. 30,8	Charles B. Brantley II, Re	g. No. 38,080				
Address all correspondence to:	Brick G. Power, telephone no. (80	1) 532-1922.				
	TRASK BRITT					
	P.O. BOX 2550 Salt Lake City, Utah 84110					
	•					
I hereby declare that all statements	s made herein of my own knowledge are	true and that all stater	ments made on information and beli	ief are believed	to be tru	
and further that these statements were	made with the knowledge that willful fa	alse statements and the	like so made are punishable by fin	e or imprisonme	ent, or t	
	United States Code and that such willful	talse statements may	jeopardize the validity of the applic	ation or any pat	ieni issu	
thereon.	() [[c]/]	,	. 1 /			
Full name of sole inventor: Patrick A	A. Harkin	•	6/12/2001			
nventor's signature	I WAS I V -	Date			-	
Residence: Beaverton, Oregon						
Citizenship: U.S.A. Post Office Address: 6939 S.W. 148	Rth Court, Beaverton, OR 97007		-			
TUSE WITHUE MUUTUSS. U737 3.44. 140	di Court, Doutertoin, Oil 71001					





PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Serial No.:

Patrick A. Harkin Not yet assigned

Examiner:

Unknown

Filed:

Group Art Unit: Attorney Docket No.: 4586US (00-0747)

Unknown

Title:

METHODS AND APPARATUS FOR CULLING SORTED, BACK FACING GRAPHICS DATA

POWER OF ATTORNEY BY ASSIGNEE AND CERTIFICATE UNDER 37 CFR § 3.73(b)

Commissioner for Patents Washington, D.C. 20231

Sir:

MICRON TECHNOLOGY, INC., assignee of the entire right, title and interest by assignment from the inventor(s) in the above-identified application, hereby appoints the following attorneys and agents:

David V. Trask, Reg. No. 22,012 Joseph A. Walkowski, Reg. No. 28,765 Edgar R. Cataxinos, Reg. No. 39,931 Paul C. Oestreich, Reg. No. 44,983 Bradley B.Jensen, Reg. No. 46,801

William S. Britt, Reg. No. 20,969 James R. Duzan, Reg. No. 28,393 Kent S. Burningham, Reg. No. 30,453 Devin R. Jensen, Reg. No. 44,805 Michael L. Lynch, Reg. No. 30,871

Laurence B. Bond, Reg. No. 30,549 Allen C. Turner, Reg. No. 33,041 Brick G. Power, Reg. No. 38,581 David L. Stott, Reg. No. 43,937 Charles B. Brantley II, Reg. No. 38,086

as its attorneys with full power of substitution to prosecute this application and all applications claiming filing date priority therefrom and to transact all business in the U.S. Patent and Trademark Office in connection therewith.

The above-identified assignee hereby elects, pursuant to 37 C.F.R. § 3.71, to conduct the prosecution of the above-identified patent application to the exclusion of the inventor(s).

A chain of title from the inventor(s) of the above-identified patent application to the above-identified assignee is shown:

[] In an assignment recorded in the U.S. Patent and Trademark Office at Reel , Frame .

[x] In an assignment filed herewith for recordation, a true copy of which is attached hereto.

The undersigned has reviewed the above-identified assignment and, to the best of his knowledge and belief, title is in the above-identified assignee.

The undersigned further avers that he is empowered to make and sign the foregoing certification on behalf of the above-identified assignee, and to take the action set forth herein on its behalf.

Please direct all communications regarding the above-identified application to:

Brick G. Power, TRASK BRITT P.O. Box 2550 Salt Lake City, UT 84110 Tele: (801) 532-1922 Fax: (801) 531-9168

Respectfully Submitted,

MICRON TECHNOLOGY, INC.

6-21-01

Michael L. Lynch, Esq. Reg. No. 30,871 Chief Patent Counsel,

MICRON TECHNOLOGY, INC.